Title (en)

METHOD AND APPARATUS FOR EVALUATING SOFTWARE RUNNING ENVIRONMENT QUALITY OF DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEWERTUNG DER DIENSTGÜTE DER AUSFÜHRUNGSUMGEBUNG EINER SOFTWARE

Title (fr)

PROCÉDÉ ET APPAREIL D'ÉVALUATION DE LA QUALITÉ D'ENVIRONNEMENT D'EXÉCUTION DE LOGICIEL D'UN DISPOSITIF

Publication

EP 3672119 A4 20200826 (EN)

Application

EP 18849871 A 20180808

Priority

- CN 201710767473 A 20170831
- CN 2018099354 W 20180808

Abstract (en)

[origin: EP3672119A1] Embodiments of this application disclose a method and an apparatus for evaluating quality of a software running environment of a device. The method includes: determining time deviation values of a to-be-evaluated device in all of N time periods (S11); determining an inherent deviation value based on the time deviation values in all of the N time periods (S12); determining, based on the time deviation values in all of the N time periods and the inherent deviation value, timing jitter amplitudes in all of the N time periods (S13); and selecting a target timing jitter amplitude with a largest timing jitter amplitude. The evaluation parameter for measuring the quality of the software running environment of the to-be-evaluated device can be obtained, and the quality of the software running environment of the device can be evaluated by using the evaluation parameter.

IPC 8 full level

H04J 3/06 (2006.01); H04J 3/14 (2006.01)

CPC (source: CN EP US)

G06F 11/3612 (2013.01 - US); **G06Q 10/06** (2013.01 - EP); **G06Q 10/0639** (2013.01 - CN); **G06Q 50/60** (2024.01 - CN EP); **H04J 3/0685** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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EP 3672119 A1 20200624; **EP 3672119 A4 20200826**; **EP 3672119 B1 20240515**; CN 109426911 A 20190305; CN 109426911 B 20220405; US 11263112 B2 20220301; US 2020192782 A1 20200618; WO 2019042102 A1 20190307

DOCDB simple family (application)

EP 18849871 A 20180808; CN 201710767473 A 20170831; CN 2018099354 W 20180808; US 202016802957 A 20200227